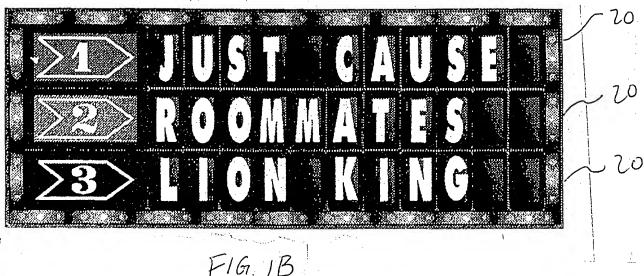
F19.14



F16.1B

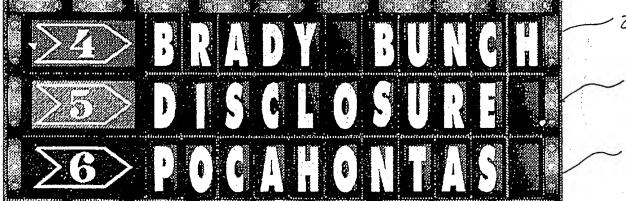
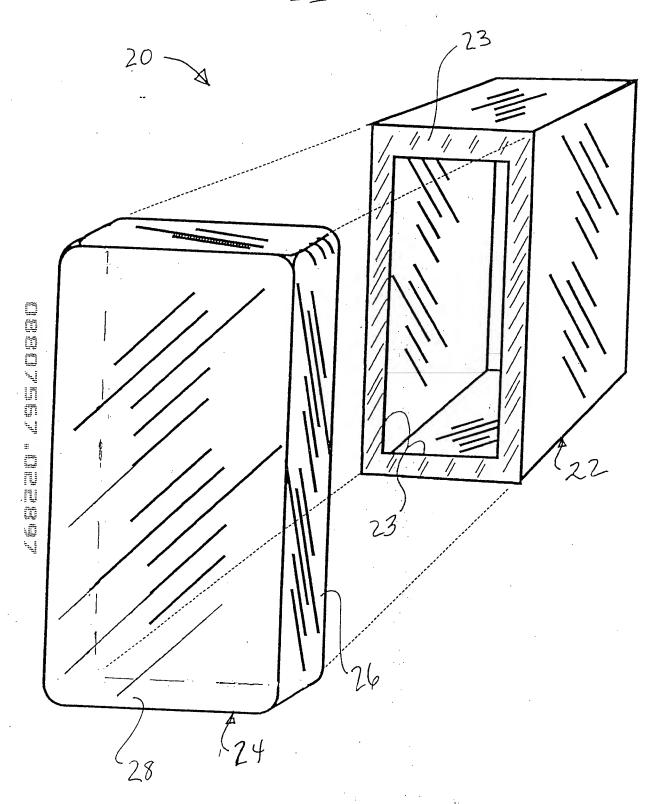
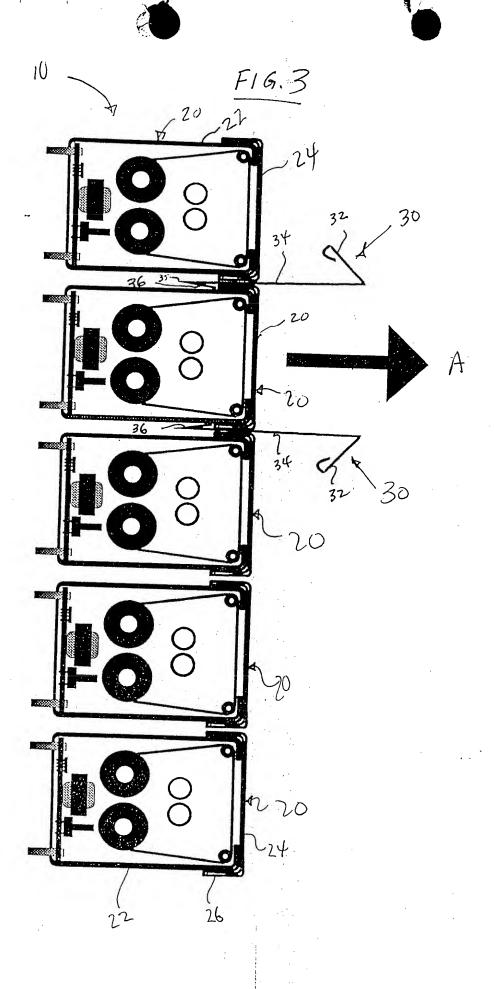


FIG. 2



Na



M

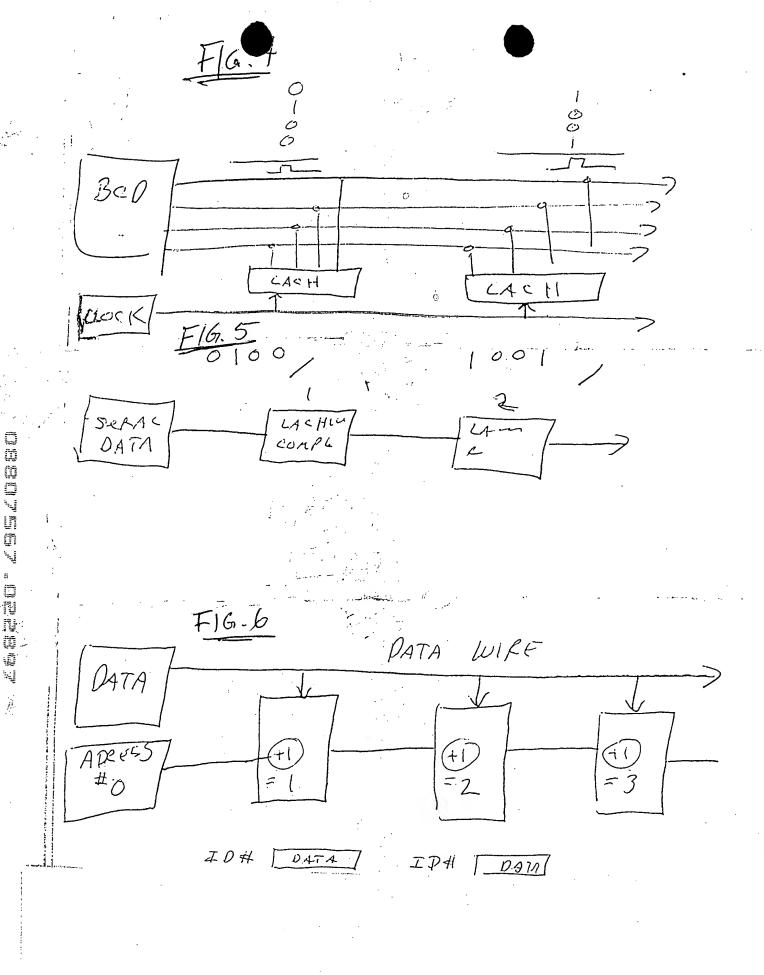
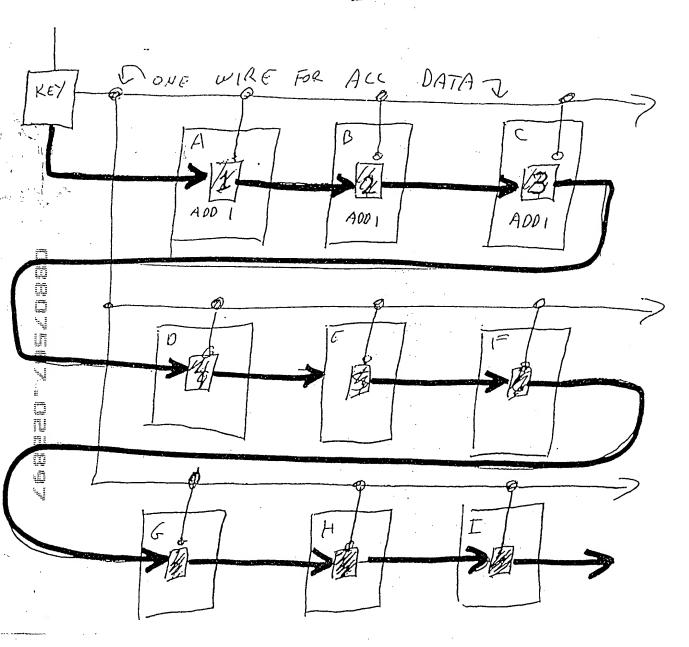
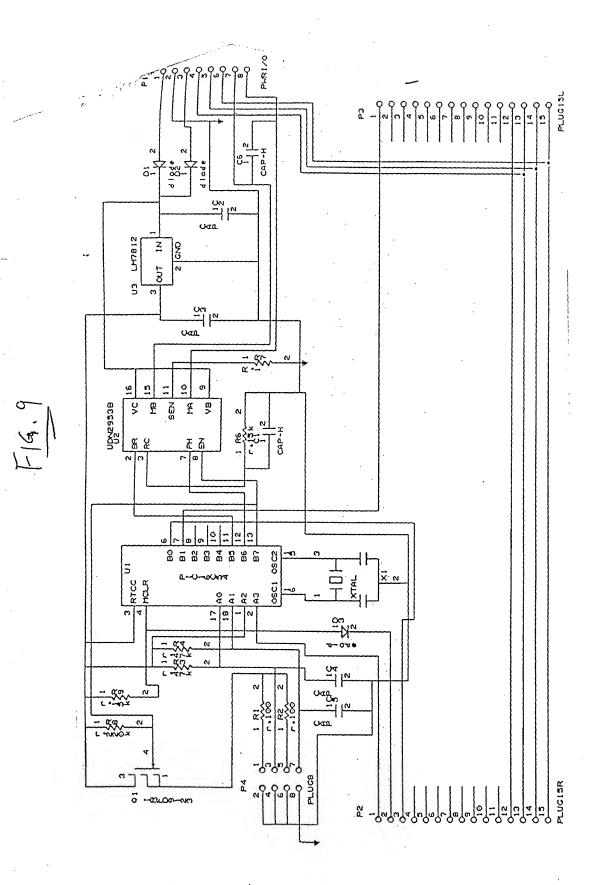


FIG. 7



F19.8.

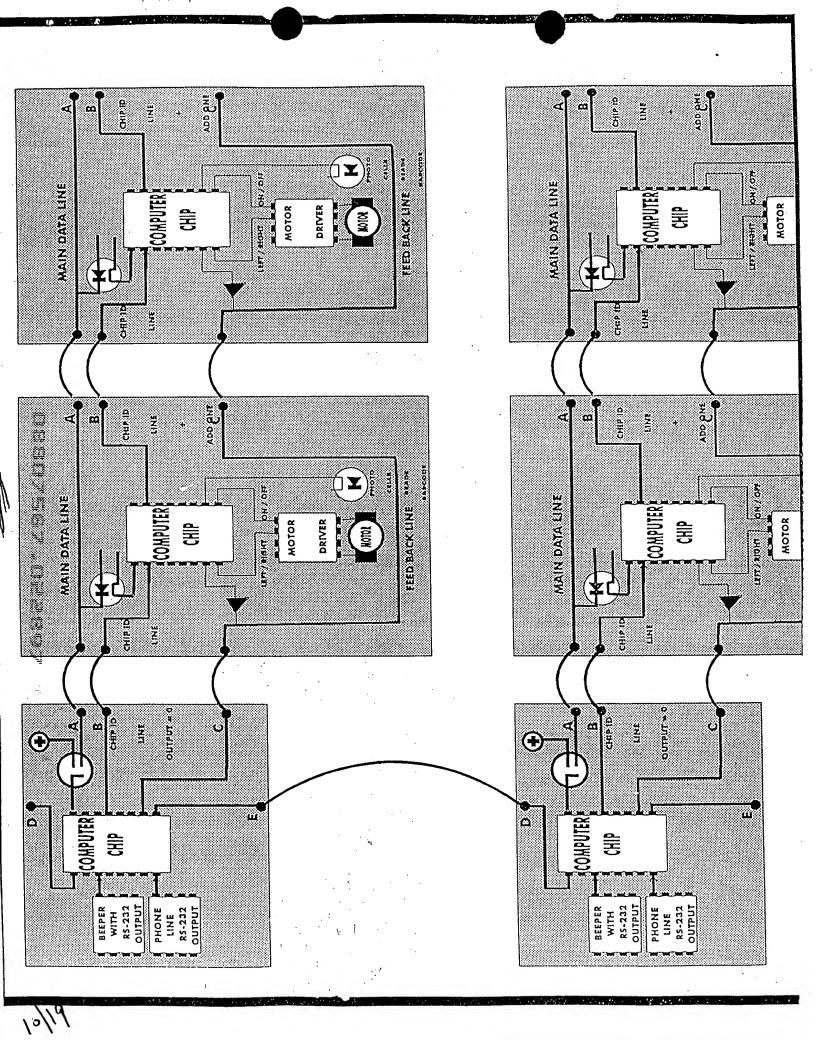
BOT RA 1 HI opto set TOP 1 RA3 RAO RICC 0541 MUR osc 2 PIC FRD Vdd BRAKE SET B = NO BRAKE OPTOPUR RB7 Sarial _ In FRBI . DIR ECTION OUT PUT CIR = FORAKO. RB6 OUTPUT / CIVB = ON ON/OFF RB51 DATA_ CLEAR o Rend Low to PASS

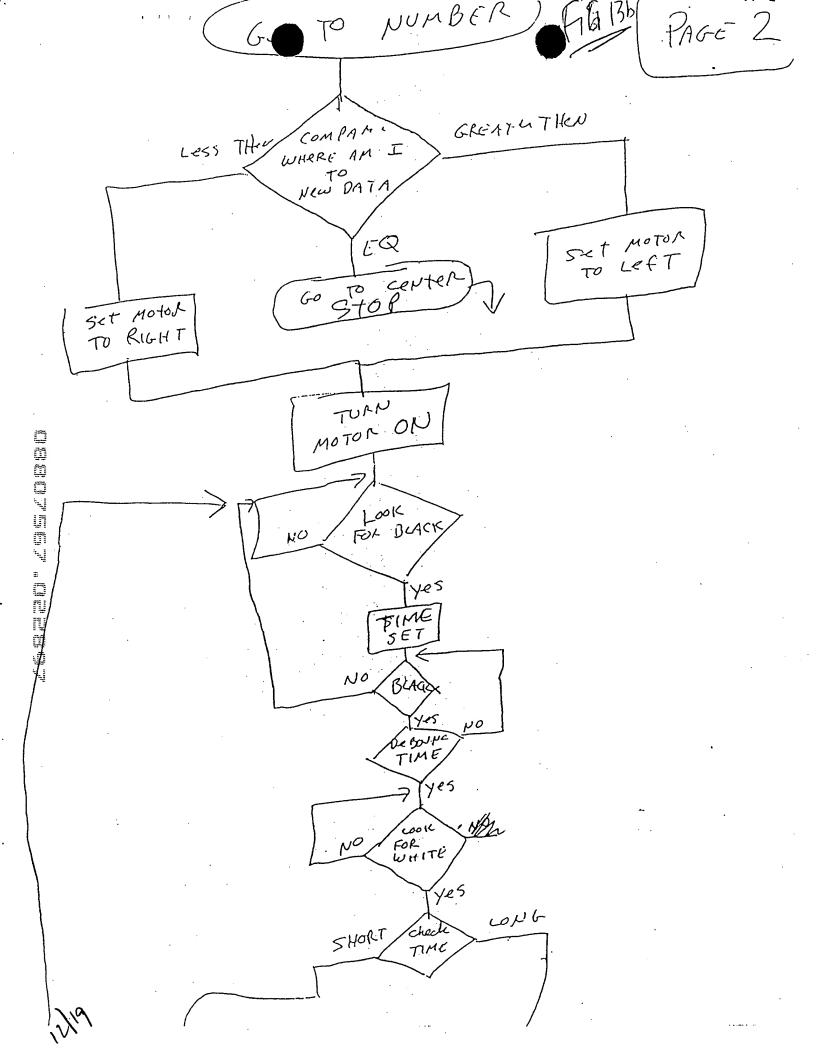


Do too DI 100 DI 100 3 V 2 Betume Data Out South of \$\$\\$\$\ . Last Service 4071 4522 20 8 8 8 8 LSB UB 85 85 10 K They cheev A PESET 4013 9 02 5 U2 4081 5 4071 11 12 004 120 01 0 12 UZ 13 4081 . 7 40106 870 • 50 • 10 • 10 • 10 220 K 4 7 85 8<u>-</u>0 85

c/'d

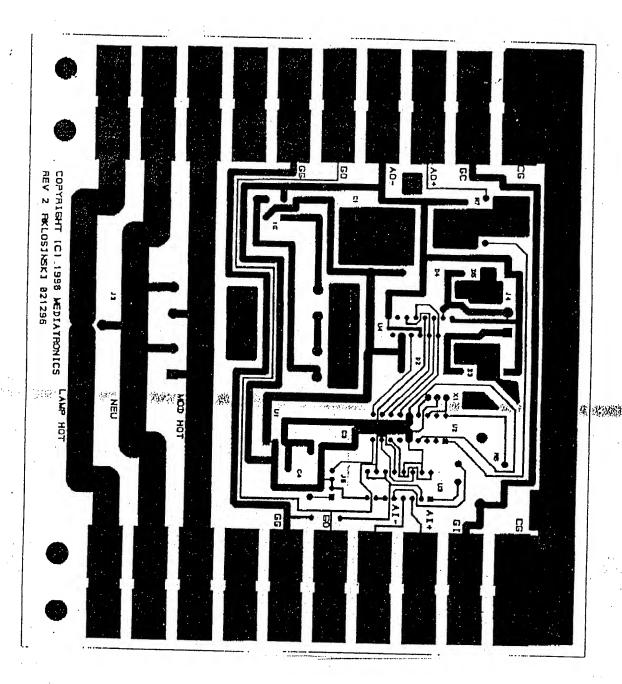
| Ground | Board Power | Lamp Power | Neutral | Daita A | Data B | Data C | Neutral | | |
|--------|-------------|------------|---------|---------|--------|--------|---------|---------|--|
| | | | | | | | | + Power | |

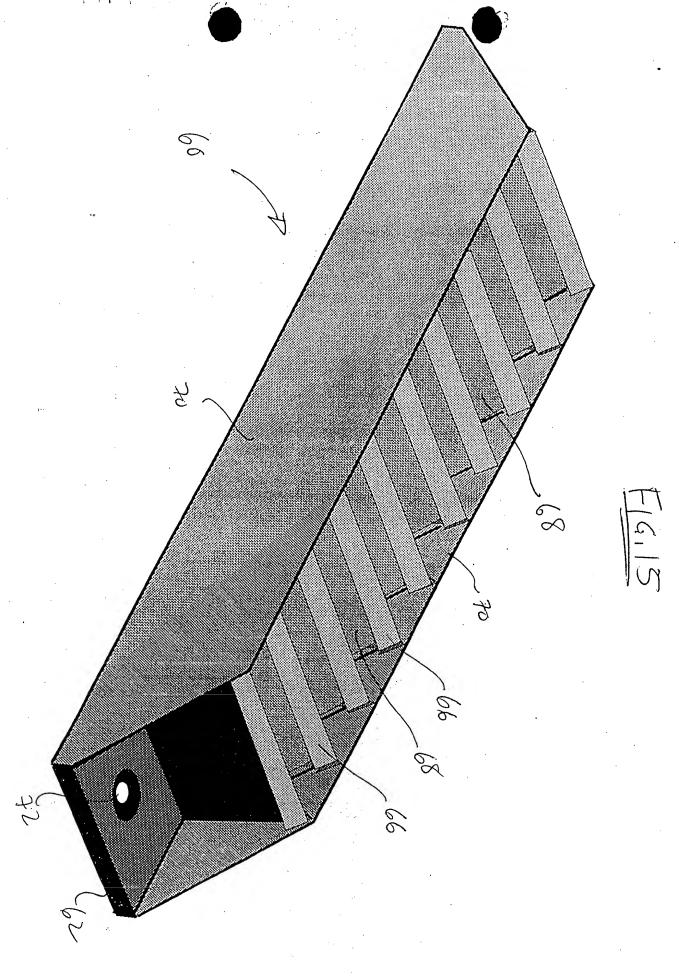




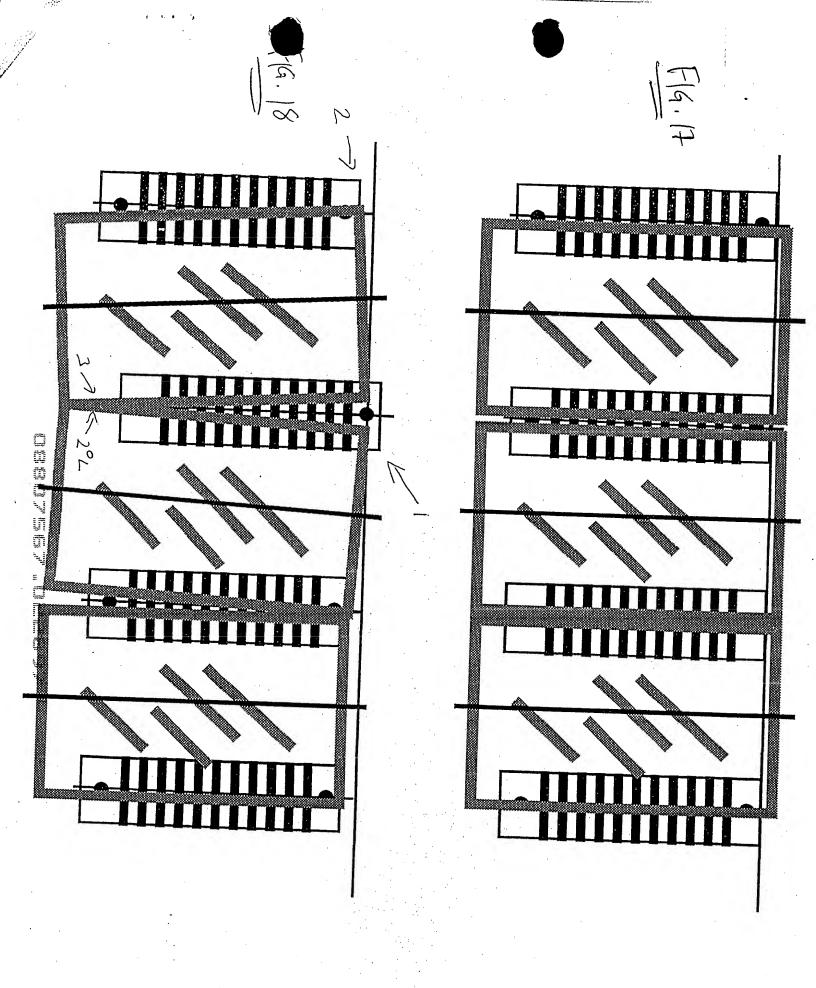
LONG PAGE 3 SHORT 1a.13c SHECK BAD to ADD COUNT COUNT BAD ODD or EVEL IF BAD 600D COUNT MORE NO this ye S CHeck COUNT Go 10 NO Reach Re Sét DATA CANTED. TUNDEF MOTOR FROM B GO Let T READ Photo Center FRIM A GO RIGHT STOP WHITE GO RIGHI BLACK STOP STOP BLAKK STOP STOP VIII W - 60 left WHT WHITE TAPE RIGHT Left



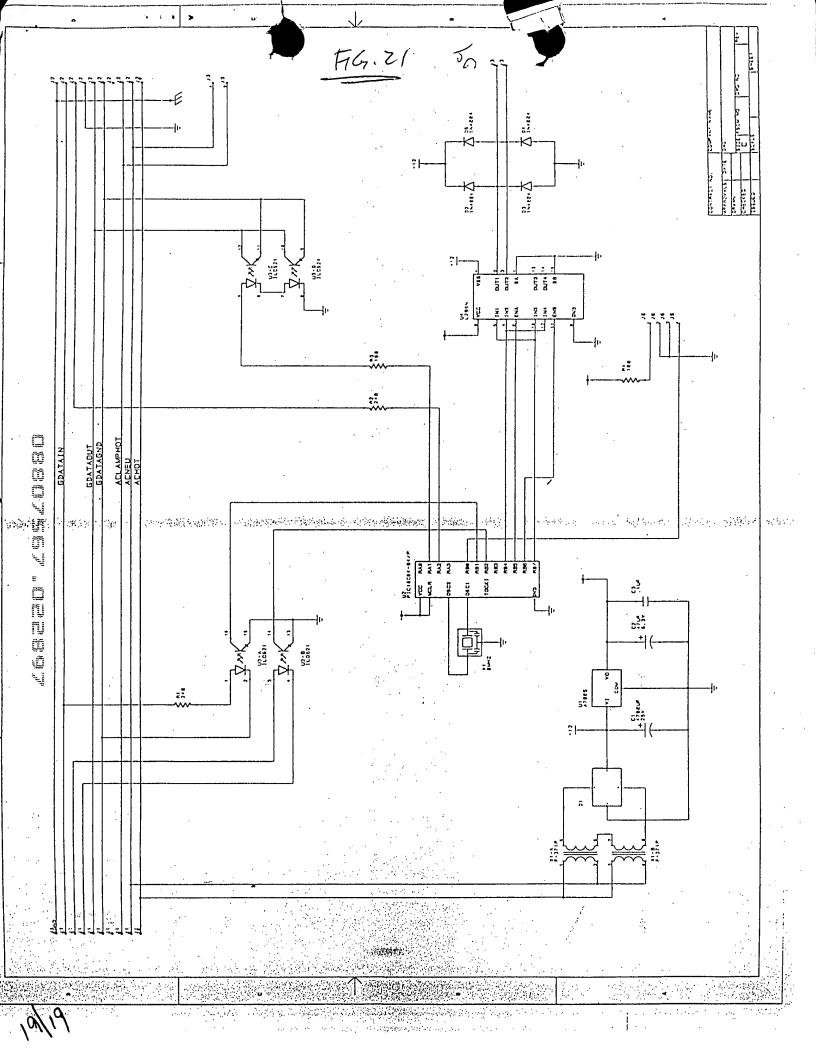




2008 F16-16C F19.16a F16, 16 b 199



EQUAL DISTANCE NOT EQUAL EQUAL DISTANCE NOT EQUAL - NOT EQUAL EQUAL DISTANCE



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| | | | ······································ | 733.1 | i | NOTES |
|------------|-------------------------|---------|--|---------------|---|-------|
| | DESCRIPTION | TOTY | MFGR. | PN | | |
| REF DES | | 2 | ANY | | | |
| 1-2 | RES, 240, 1/4W, 5% | ĩ | ANY | | • | • |
| ឋ | RES, 160, 1/4W, 5% | 1 | ANY | | | |
| R 4 | RES, 100, 1/4W, 5% | 1 | PANISONIC | ECE-B1EU472 | | |
| <u> </u> | CAP, 4700UF, 25V, ELEC | 1 | PANISONIC | ECE-A0JU101 | | |
| C2 | CAP,100UF, 6.3V, ELEC | 1 | ANY | | | |
| C3 | CAP, IUF, 50V, MONO | 1 | ANY | A7805 | | |
| บา | IC, REG, 5V | 1 | MICROCHIP | PIC16C84-04/P | | |
| U2 | IC, PIC16C84-04/P | 1 | SEIMENS | ILQ621 | | |
| U3 | OPTO, ISO, 4 CHANNEL | 1 | SGS | L298N | | |
| U4 | IC, H-DRIVER, 2 CHANNEL | 1 | GI | W005G | | |
| Di | REC, BRIDGE | 1 | ANY | 1N004 | | |
| D2-5 | DIODE, 1N4004 | 4 | KEYSTONE | 1281 | | |
| J1-2 | LUGS, SPADE | 20 2 | AMP | 350759-4 | | |
| J3-4 | JACK, POWER | 2 | CFX | | | |
| J5 | HEADER, 4 PIN | 1 | MAGNETEK | FS12-1600 | | |
| Tl | XFORMER | ı | MVOLIDIT | 57404B | | |
| ^ * | HEATSINK, TO-220 | ì | • | | | |

MISC

| | | NOTES |
|--|----------|--------------------|
| DESCRIPTION QTY MFGR. | PN | FOR MOTOR |
| REPUBLICATION 2 ANY | | FOR MOTOR AND LAMP |
| BUTC POWER 4 AM | 1-480070 | Polemore |
| PI-2 PLUG, FOWER 1 OMRON OPTO1 | EE-SB5 | , |
| OPTO1 OPTO, REFECTIVE 4 AMP | 350706-1 | • |

ta da bakar biga ngagandani bila ng balin pamar da dang merop bigaganggangganggangganggan an kamangganggan ng mganggan ang mganggan ang